

DATA SHEET:

SWITCH, 8xRJ45 10/100/1000, DESKTOP, METAL-CHASSIS



BRIEF INTRODUCTION

The 8-Port Gigabit Switch Q7TEG1008 is a cost effective networking solution for growing business and adding multimedia applications. It can expand your network immediately with its (8) 10/100/1000M Base-T port. All the ports, supporting Auto MDI/MDIX, can either connect to the Gigabit terminal or uplink to the backbone network. On the basis of reserving former 10/100M network layout, you can greatly enhance your PC's transmission rate by replacing with this Gigabit Switch.

PRODUCT FEATURES

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab Ethernet standards and supports 10/100/100Mbps speed rate transmission modes
- Supports NWA.Auto-Negotiation function, auto detect transmission rate and duplex models, UPnP
- Offers 8 10/100/1000Mbps Auto-Negotiation RJ45 ports and supports Auto MDI/MDIX to simplify network fragment and maintain network
- Supports IEEE802.3x full-duplex flow control and half-duplex backpressure flow control
- Adopts store-and-forward mode, supports MAC Address studying automatically

BENEFITS

- Simple solution for expanding your networking
- Cost effective solution for small and medium business
- Space saving design and installation options
- Easy to install and use
- High speed and excellent performance

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Interface	8 RJ-45 ports and 10/100/1000Mbps per port
Power Supply	AC 110-240V 50/60Hz input
MAC Address Table Size	8K
Backplane Bandwidth	16Gbps
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6 _A), Class F (Cat.7) or Class F _A (Cat.7 _A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	106mm x 158mm x 26mm
Housing Material	Metal
Gross Weight	1.25Kg

PACKAGE CONTENTS

- One Q7TEG1008 8-Port Desktop Unmanaged Gigabit Ethernet Switch
- User Manual (Hard-copy)
- User Manual (Soft-copy)
- One power cord and four rubber feet

DESCRIPTION	ORDERNUMBER
Switch, 8xRJ45 10/100/1000, Desktop, Metal-Chassis	Q7TEG1008

DATA SHEET:

SWITCH, 16XRJ45 10/100/1000, 19", METAL-CHASSIS,
INTERNAL POWER SUPPLY



BRIEF INTRODUCTION

The Q7TEG1016G is 16-port 1U rack-mountable Gigabit switches. It supports auto MDI/MDIX and store-and-forward switching. The Q7TEG1016G has a 32Gbps backplane bandwidth. The switches are ready for deployment in server rooms or offices with a need to keep serious network traffic flowing. This switch lets you network up to 16 Ethernet-enabled devices at speeds up to 1000Mbps and is compact enough placed to anywhere in your home and office. This desktop switch supports Quality of Service feature that helps reduce jitter and lag with VOIP and games! "Plug and play" function assists you to set up easily.

PRODUCT FEATURES

- Complies with IEEE 802.3x full-duplex and flow control
- 16 10/100/1000Mbps ports connect to the workstation
- Supports Auto MDI/MDIX
- Supports NWA auto-negotiation function, auto-detect transfer data rate, UPnP , full-duplex, and automatically chooses the best network connectivity mode
- Supports IEEE802.3x full-duplex flow control, and half-duplex backpressure flow control

BENEFITS

- Simple solution for expanding your networking
- Ideal for VOIP and games
- Space saving design and installation options
- Easy to install and use
- High speed and excellent performance

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u and IEEE 802.3ab
Interface	16 10/100/1000Mbps RJ45 Ports
Power Supply	AC 110-240V 50/60Hz input
MAC Address Table Size	8K
Packet Buffer	2Mb
Backplane Bandwidth	32Gbps
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6 _A), Class F (Cat.7) or Class F _A (Cat.7 _A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	437mm x 177mm x 43mm
Housing Material	Steel
Gross Weight	2,53Kg

PACKAGE CONTENTS

- Q7TEG1016G 16-Port Unmanaged Gigabit Ethernet Switch
- User Manual
- Quick Installation Guide
- One power cord, two 19" installation brackets, eight screws and four rubber feet

DESCRIPTION	ORDERNUMBER
Switch, 16xRJ45 10/100/1000, 19", Metal-Chassis, internal Power Supply	Q7TEG1016G

DATA SHEET:

SWITCH, 24XRJ45 10/100/1000, 19", METAL-CHASSIS,
INTERNAL POWER SUPPLY



BRIEF INTRODUCTION

The Q7TEG1024G is a 24-port 1U rack-mountable Gigabit switch. It supports auto MDI/MDIX and store-and-forward switching. The Q7TEG1024G has a 48Gbps backplane bandwidth. It is ready for deployment in server rooms or offices with a need to keep serious network traffic flowing. This switch lets you network up to 24 Ethernet-enabled devices at speed up to 1000Mbps. This desktop switch supports Quality of service feature that helps reduce jitter and lag with VOIP and games! „Plug and Play“ function assists you to set up easily.

PRODUCT FEATURES

- Complies with IEEE 802.3x full-duplex and flow control
- NMA auto-negotiation, Non-blocking, Internal power supply
- Provides 24 auto-negotiation 10/100/1,000Mbps LAN ports
- Integrated 8,000 MAC address table
- Standard 19" rack-mountable metal case

BENEFITS

- Simple solution for expanding your networking
- Ideal for VOIP and games
- Space saving design and installation options
- Easy to install and use
- High speed and excellent performance

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u and IEEE 802.3ab
Interface	24 10/100/1000Mbps RJ45 Ports
Power Supply	Internal Switch Power, AC100~240V, 50/60Hz input
MAC Address Table Size	8K
Packet Buffer	2Mb
Backplane Bandwidth	48Gbps
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6A), Class F (Cat.7) or Class F _A (Cat.7A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	437mm x 177mm x 43mm
Housing Material	Metal
Gross Weight	2,69Kg

PACKAGE CONTENTS

- Q7TEG1024G 24-Port Unmanaged Gigabit Ethernet Switch
- User Manual
- Quick Installation Guide
- One power cord, two 19" installation brackets, eight screws and four rubber feet

DESCRIPTION	ORDERNUMBER
Switch, 24xRJ45 10/100/1000, 19", Metal-Chassis, internal Power Supply	Q7TEG1024G

DATA SHEET:

SWITCH, 24X10/100+2X10/100/1000 19",
METAL-CHASSIS, INTERNAL POWER SUPPLY



BRIEF INTRODUCTION

The Q7TEH1026G is a hybrid switch offering 24 10/100M ports and two 10/100/1000M ports. It supports auto MDI/MDIX and store-and-forward switching, and has an 8.8Gbps backplane bandwidth. The Q7TEH1026G is a specially designed solution for keeping traffic moving in medium-sized network groups that will be accessing one or two servers heavily via the Gigabit ports, like in some school or enterprise deployments. Administrators might also consider deploying Q7TEH1026Gs that are connected via Gigabit ports to two separate groups within 300 feet of each other as a practical and cost-effective alternative to fiber for their cooperation.

PRODUCT FEATURES

- Complies with IEEE 802.3x full-duplex and flow control
- Provides 24 10/100 Mbps LAN ports, 2 10/100/100 Mbps LAN ports
- Supports UpnP, NMA auto-negotiation
- Integrated 4,000 MAC address table
- Non-blocking, store-and-forward switching

BENEFITS

- Plug and Play
- Easy to use
- Provides two gigabit ports for unlink

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
Interface	24 10/100/1000Mbps RJ45 Ports, 2 10/100/1000Mbps RJ45 Ports
Power Supply	AC 160-264V, 47-63Hz
MAC Address Table Size	4K
Packet Buffer	1.5M
Switching Fabric	Non-blocking
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6A), Class F (Cat.7) or Class F _A (Cat.7A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	437mm x 177mm x 43mm
Housing Material	Metal
Gross Weight	2,29Kg

PACKAGE CONTENTS

- Q7TEH1026G 24+2G Gigabit Ethernet Switch
- User Guide
- One power cord, two 19" installation brackets, eight screws and four rubber feet

DESCRIPTION	ORDERNUMBER
Switch, 24x10/100+2x10/100/1000 19", Metal-Chassis, internal Power Supply	Q7TEH1026G

DATA SHEET:

SWITCH, 48XRJ45 10/100, 19", METAL-CHASSIS, INTERNAL POWER SUPPLY



BRIEF INTRODUCTION

The Q7TEH1048 48 ports 10/100Mbps Ethernet Switch is specially designed for Internet cafes with high stability around high load network environment. To ensure non-blocking Switch, it offers high backplane bandwidth design. Furthermore, with easy installation, it fully meets diversified applications.

PRODUCT FEATURES

- Complies with IEEE802.3, IEEE802.3u Ethernet standards
- Offers 48 10/100 Mbps Auto-Negotiation RJ45 ports
- Supports Auto MDI/MDIX to simplify network fragment and maintenance
- Supports NWAY Auto-Negotiation function, auto-detect transmission rate and duplex models, UPnP and automatically chooses the best network connectivity mode.
- Supports IEEE802.3x full-duplex flow control and half-duplex backpressure flow control

BENEFITS

- Simple solution for expanding your networking
- Supports IEEE802.3x full-duplex flow control and half-duplex backpressure flow control
- Supports broadcast storm control and dynamic buffer area automatically allocating to realize network load balancing
- Integrates 8K MAC address table to fully meet diversified applications

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u
Interface	48 10/100Mbps ports
Power Supply	AC 160-260V, 50-60Hz
MAC Address Table Size	8K
Switching Fabric	Non-blocking
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6 _A), Class F (Cat.7) or Class F _A (Cat.7 _A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	123mm x 440mm x 44mm
Housing Material	Metal
Gross Weight	3.4 Kg

PACKAGE CONTENTS

- One Q7TEH1048 48-Port 10/100Mbps Ethernet Switch
- User Manual
- One power cord, two 19" installation brackets, eight screws and four rubber feet

DESCRIPTION	ORDERNUMBER
Switch, 48xRJ45 10/100, 19", Metal-Chassis, internal Power Supply	Q7TEH1048

DATA SHEET:

SWITCH, 16XRJ45 10/100, 19", METAL-CHASSIS,
INTERNAL POWER SUPPLY



BRIEF INTRODUCTION

The Q7TEH1600M offers 16 10/100Mbps Auto-Negotiation RJ45 ports. All the ports, supporting Auto MDI/MDIX, can either connect to the common terminal or uplink to the other network devices to extend your network easily and conveniently. It offers easy, economical, high-performance, standard solution method transferring to 100M network. With great flexibility, easy-to-use, convenient installation, and super performance, it is the ideal choice for medium/small enterprises and SOHOs.

PRODUCT FEATURES

- Complies with IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet standards
- Supports broadcast storm control and dynamic buffer area automatically allocating to realize network load balancing
- MAC address studying/renewing automatically
- Automatically examines all kinds of error frames to ensure data packing right
- Equips with internal high-performance Switch Power and supports AC 110-220V 50/60Hz input

BENEFITS

- Simple solution for expanding your networking
- Supports IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control
- Supports broadcast storm control and dynamic buffer area automatically allocating to realize network load balancing
- Supports Auto MDI/MDIX
- 4K MAC address studying/renewing automatically

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u and IEEE 802.3x
Interface	16 ports and 10/100Mbps per port
Power Supply	AC 160-264V, 50/60Hz, 5V 3A
MAC Address Table Size	4K
Packet Buffer	1.5Mb
Switching Fabric	Non-blocking
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6 _A), Class F (Cat.7) or Class F _A (Cat.7 _A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	123mm x 440mm x 44mm
Housing Material	Metal
Gross Weight	1.82 Kg

PACKAGE CONTENTS

- Q7TEH1600M 16-Port 10/100Mbps Ethernet Switch
- User Manual (Hard-copy and Soft-copy)
- Warranty Card
- QA Certificate
- One power cord, two 19" installation brackets, eight screws and four rubber feet

DESCRIPTION	ORDERNUMBER
Switch, 16xRJ45 10/100, 19", Metal-Chassis, internal Power Supply	Q7TEH1600M

DATA SHEET: SWITCH, 16XRJ45 10/100, DESKTOP, PLASTIK-CHASSIS



BRIEF INTRODUCTION

The Q7TEH160SK 16P Fast Ethernet desktop Switch is designed for cost-effective small office and workgroup connection. With 16 10/100Base-TX ports supporting auto-sensing speeds and auto MDI/MDIX plug-and-play, the switch provides easy, low-cost connection for desktop computers. The switch provides 802.3x standard flow control to minimize dropped packets. The switches provide 802.1P priority queues for QoS, allowing you to run bandwidth-sensitive applications such as multi-media and VoIP Internet telephone without data flow bottlenecks that can degrade the quality of the network connection. Without considering network management, you can own a stable and effective network.

PRODUCT FEATURES

- Complies with IEEE802.3, IEEE802.3u Ethernet standards
- Supports Auto MDI/MDIX
- Supports IEEE802.3x full-duplex flow control and half duplex backpressure flow control and non-blocking line speed transfer
- Adopts store-and-forward mode, supports MAC Address studying automatically and integrates 4K MAC address table to desire all kinds of application
- Easy-to-use external Power Adapter

BENEFITS

- 16 10/100BASE-TX Ethernet Ports
- 3.2Gbps Switch Capacity
- Supports broadcast storm control and dynamic buffer area automatically allocating to realize network load balancing
- Auto MDI/MDIX for each Port
- 802.3x Flow Control Per Port for Data Loss Protection

TECHNICAL SPECIFICATIONS

Protocols and Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Interface	16 10/100Mbps RJ45 Ports, 1 Power Port
Power Supply	External Power Adapter AC 9V, 1200mA
MAC Address Table Size	4K
Transmission Method	Store-and-Forward
Transmission Media	Twisted Pair Cabling acc. to Class D (Cat.5e), Class E (Cat.6), Class E _A (Cat.6 _A), Class F (Cat.7) or Class F _A (Cat.7 _A)
Operating Temperature	0 to 40°C
Operating Humidity	10 to 90% Noncondensing
Storage Temperature	-40 to 70°C
Storage Humidity	5 to 90% Noncondensing
Dimension (WxDxH)	247mm x 135mm x 26mm
Gross Weight	1.30Kg

PACKAGE CONTENTS

- One Q7TEH160SK 16-Port Fast Ethernet Switch
- External Power Adapter
- User Manual

DESCRIPTION	ORDERNUMBER
Switch, 16xRJ45 10/100, Desktop, Plastik-Chassis	Q7TEH160SK